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Sequence Listing was accepted.

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Reviewer: Anne Corrigan

Timestamp: Tue Oct 16 14:55:54 EDT 2007

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Application No: 10598149 Version No: 1.1

Input Set:

Output Set:

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Finished: 2007-10-16 14:55:02.803
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 453 ms
Total Warnings: 5
Total Errors: 0
No. of SeqIDs Defined: 6
Actual SeqID Count: 6

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SEQUENCE LISTING

<110> AGENT/REPRESENTATIVE: Greenlee, Winner and Sullivan, P.C.
 APPLICANT: Emory University
 CHAIKOF, Elliot L.
 CAZALIS, Chrystelle S.
 HALLER, Carolyn A.

<120> Thrombomodulin Conjugates

<130> 11-04 WO

<140> 10598149

<141> 2007-09-28

<150> US 60/546,436

<151> 2004-02-20

<160> 6

<170> PatentIn version 3.3

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<212> DNA

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<221> CDS

<222> (8)..(451)

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	Asp	Pro	Cys	Phe	Arg	Ala	Asn	Cys	Glu	Tyr	Gln	Cys	Gln	Pro	
	1				5					10					

ctg	aac	caa	act	agc	tac	ctc	tgc	gtc	tgc	gcc	gag	ggc	ttc	gcg	ccc	97
Leu	Asn	Gln	Thr	Ser	Tyr	Leu	Cys	Val	Cys	Ala	Glu	Gly	Phe	Ala	Pro	
15				20					25					30		

att	ccc	cac	gag	ccg	cac	agg	tgc	cag	ctg	ttt	tgc	aac	cag	act	gcc	145
Ile	Pro	His	Glu	Pro	His	Arg	Cys	Gln	Leu	Phe	Cys	Asn	Gln	Thr	Ala	
			35					40					45			

tgt	cca	gcc	gac	tgc	gac	ccc	aac	acc	cag	gct	agc	tgt	gag	tgc	cct	193
Cys	Pro	Ala	Asp	Cys	Asp	Pro	Asn	Thr	Gln	Ala	Ser	Cys	Glu	Cys	Pro	
		50					55					60				

gaa	ggc	tac	atc	ctg	gac	gac	ggc	ttc	atc	tgc	acg	gac	atc	gac	gag	241
Glu	Gly	Tyr	Ile	Leu	Asp	Asp	Gly	Phe	Ile	Cys	Thr	Asp	Ile	Asp	Glu	
	65						70					75				

tgc	gaa	aac	ggc	ggc	ttc	tgc	tcc	ggg	gtg	tgc	cac	aac	ctc	ccc	ggt	289
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Cys Glu Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly
80 85 90

acc ttc gag tgc atc tgc ggg ccc gac tcg gcc ctt gcc cgc cac att 337
Thr Phe Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile
95 100 105 110

ggc acc gac tgt gac tcc ggc aag gtg gac ggt ggc gac agc ggc tct 385
Gly Thr Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser
115 120 125

ggc gag ccc ccg ccc agc ccg acg ccc ggc tcc acc ttg act cct ccg 433
Gly Glu Pro Pro Pro Ser Pro Thr Pro Gly Ser Thr Leu Thr Pro Pro
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gcc gtg ggg ggt atg taa tcggatcc 459
Ala Val Gly Gly Met
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Gln Thr Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro
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His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala Cys Pro
35 40 45

Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly
50 55 60

Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu
65 70 75 80

Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe
85 90 95

Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr
100 105 110

Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser Gly Glu
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Pro Pro Pro Ser Pro Thr Pro Gly Ser Thr Leu Thr Pro Pro Ala Val
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Gly Gly Met
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His Glu Pro His Arg Cys Gln Leu Phe Cys Asn Gln Thr Ala Cys Pro
35 40 45

Ala Asp Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly
50 55 60

Tyr Ile Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu
65 70 75 80

Asn Gly Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe
85 90 95

Glu Cys Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr
100 105 110

Asp Cys Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser Gly Glu
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Pro Pro Pro Ser Pro Thr Pro Gly Ser Thr Leu Thr Pro Pro Ala Val
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Gly Gly Met
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<213> Homo sapiens

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35 40 45

Ser Gln Ile Cys Asp Gly Leu Arg Gly His Leu Met Thr Val Arg Ser
50 55 60

Ser Val Ala Ala Asp Val Ile Ser Leu Leu Leu Asn Gly Asp Gly Gly
65 70 75 80

Val Gly Arg Arg Arg Leu Trp Ile Gly Leu Gln Leu Pro Pro Gly Cys
85 90 95

Gly Asp Pro Lys Arg Leu Gly Pro Leu Arg Gly Phe Gln Trp Val Thr
100 105 110

Gly Asp Asn Asn Thr Ser Tyr Ser Arg Trp Ala Arg Leu Asp Leu Asn
115 120 125

Gly Ala Pro Leu Cys Gly Pro Leu Cys Val Ala Val Ser Ala Ala Glu
130 135 140

Ala Thr Val Pro Ser Glu Pro Ile Trp Glu Glu Gln Gln Cys Glu Val
145 150 155 160

Lys Ala Asp Gly Phe Leu Cys Glu Phe His Phe Pro Ala Thr Cys Arg
165 170 175

Pro Leu Ala Val Glu Pro Gly Ala Ala Ala Ala Val Ser Ile Thr
180 185 190

Tyr Gly Thr Pro Phe Ala Ala Arg Gly Ala Asp Phe Gln Ala Leu Pro
195 200 205

Val Gly Ser Ser Ala Ala Val Ala Pro Leu Gly Leu Gln Leu Met Cys
210 215 220

Thr Ala Pro Pro Gly Ala Val Gln Gly His Trp Ala Arg Glu Ala Pro
225 230 235 240

Gly Ala Trp Asp Cys Ser Val Glu Asn Gly Gly Cys Glu His Ala Cys
245 250 255

Asn Ala Ile Pro Gly Ala Pro Arg Cys Gln Cys Pro Ala Gly Ala Ala
260 265 270

Leu Gln Ala Asp Gly Arg Ser Cys Thr Ala Ser Ala Thr Gln Ser Cys
275 280 285

Asn Asp Leu Cys Glu His Phe Cys Val Pro Asn Pro Asp Gln Pro Gly
290 295 300

Ser Tyr Ser Cys Met Cys Glu Thr Gly Tyr Arg Leu Ala Ala Asp Gln
305 310 315 320

His Arg Cys Glu Asp Val Asp Asp Cys Ile Leu Glu Pro Ser Pro Cys
325 330 335

Pro Gln Arg Cys Val Asn Thr Gln Gly Gly Phe Glu Cys His Cys Tyr
340 345 350

Pro Asn Tyr Asp Leu Val Asp Gly Glu Cys Val Glu Pro Val Asp Pro
355 360 365

Cys Phe Arg Ala Asn Cys Glu Tyr Gln Cys Gln Pro Leu Asn Gln Thr
370 375 380

Ser Tyr Leu Cys Val Cys Ala Glu Gly Phe Ala Pro Ile Pro His Glu
385 390 395 400

Pro His Arg Cys Gln Met Phe Cys Asn Gln Thr Ala Cys Pro Ala Asp
405 410 415

Cys Asp Pro Asn Thr Gln Ala Ser Cys Glu Cys Pro Glu Gly Tyr Ile
420 425 430

Leu Asp Asp Gly Phe Ile Cys Thr Asp Ile Asp Glu Cys Glu Asn Gly
435 440 445

Gly Phe Cys Ser Gly Val Cys His Asn Leu Pro Gly Thr Phe Glu Cys
450 455 460

Ile Cys Gly Pro Asp Ser Ala Leu Ala Arg His Ile Gly Thr Asp Cys
465 470 475 480

Asp Ser Gly Lys Val Asp Gly Gly Asp Ser Gly Ser Gly Glu Pro Pro
485 490 495

Pro Ser Pro Thr Pro Gly Ser Thr Leu Thr Pro Pro Ala Val Gly Leu
500 505 510

Val His Ser Gly Leu Leu Ile Gly Ile Ser Ile Ala Ser Leu Cys Leu
515 520 525

Val Val Ala Leu Leu Ala Leu Leu Cys His Leu Arg Lys Lys Gln Gly
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Ala Ala Arg Ala Lys Met Glu Tyr Lys Cys Ala Ala Pro Ser Lys Glu
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Val Val Leu Gln His Val Arg Thr Glu Arg Thr Pro Gln Arg Leu
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